



POSTER COMPETITION (May 2018 Semester)

Date: 23rd Aug 2018
Time: 8.30 am – 3.00 pm
Venue: KB Block, Multi Purpose
Hall

Most liked poster: Certificate
All shortlisted participants: Certificate
First 3 prizes for each track: Cash + Certificate

For any queries, please contact individual department's FYP coordinator:

- DMAS : Dr. Goh Yong Kheng (gohyk@utar.edu.my)
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- DS : Dr. Lew Yoke Lian (lewyl@utar.edu.my)
- DIECS : Dr. Hoo Meei Hao (hoomh@utar.edu.my)

FYP Committee Head

Dr. Stella Morris (stellam@utar.edu.my)

Organised by:

Lee Kong Chian Faculty of Engineering & Science
Universiti Tunku Abdul Rahman
(Sungai Long Campus)

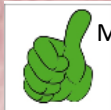
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- **Attendance** of all FYP part-2 students is **compulsory** for the FYP poster competition (students have to sign-in and sign-out)
- All FYP part-2 students are required to prepare the **'summary of 3 FYP posters'** and get it acknowledged by the FYP Committee during the event

PRIZES:

Top three posters from each track and one Most Liked Poster will be awarded attractive prizes. Certificate will be given to all shortlisted posters.



Most Liked Poster Award (The poster with the most likes)

Vote for your favorite poster between 18th Aug 2018 and 23rd Aug 2018 (9am). Log on to LKCFES FYP Website for the voting link.

REGISTRATION:

No registration fees. Participant(s) are only required to submit the necessary documents mentioned in the "Important Dates" section below, to their respective FYP coordinator for preliminary assessment by Week-11, Friday, 4pm.

IMPORTANT DATES:

10/08/2018
(Week-11,
Fri)

Submission of the following items in softcopy to the coordinator

- pdf version AND ppt 2007 or below of the poster
- 'FYP Poster Submission Form'

16/08/2018
(Week-12,
Thurs)

Announcement of shortlisted posters

17/08/2018
(Week-12,
Fri)

Printing of posters by the Faculty

23/08/2018
(Week-13,
Thurs)

Final FYP Poster competition for all shortlisted posters

FYP POSTER TRACKS:

Participant(s) are required to choose **ONLY ONE** track among the **TEN** tracks given below.

TRACKS FOR POSTER PRESENTATION:

T1. Green technology

(green & alternative energies, green chemistry, green building, green nanotechnology, green city, green vehicles)

T2. Sustainable development

(sustainable industrial technology, waste management and disposal, sustainable water management, sustainable transportation, sustainable economics)

T3. Sustainable development-Energy and intelligent management

(Energy management, energy storage systems, energy efficiency, energy conservation, energy development, micro & nanodevices, smart grid)

T4. Engineering social sciences

(E-commerce, technical professional behaviour, technopreneurship, E-learning, strategy management, marketing management, knowledge management)

T5. Project management

(Pre-contract, post-contract, risk management, quality assurance, safety and health management, TQM)

T6. Theoretical/Experimental Sciences

(Material Studies, Pure mathematics, Quantum Optics, Fundamental sciences)

T7. Applied Mathematics, Process Automation, and Simulation

(Financial Data Analysis, Statistical Quality Control, Algorithms Optimization, Optimization Techniques, Risk Analysis, Regression Analysis, Mathematical Modelling)

T8. Applied Engineering

(Design and integration of systems, the execution of new product designs, the improvement of manufacturing processes)

TACKS FOR PROTOTYPE-CUM-POSTER PRESENTATION:

T9. Software Design and Prototypes (P)

(Mobile application, web application, Intelligent systems, Emerging Software Framework, User Interface Design)

T10. Applied Engineering (P)

(With prototype: Design and integration of systems, the execution of new product designs, the improvement of manufacturing processes)

OBJECTIVES:

The objectives of FYP Poster Competition are:

- a) To provide an opportunity for the FYP II students to demonstrate their independence, originality and ethics.
- b) To cultivate research interests among LKC FES students.
- c) To prepare the students to a real competitive environment.
- d) To train the students to showcase their talent, skills and ideas through their projects.
- e) To motivate the students to participate in external competitions, win awards and raise the good name of UTAR.

RULES & REGULATIONS:

- All LKCFES's FYP-II students of **May 2018** trimester are required to take part in the competition, except students from Department of Architecture and Sustainable Design.
- The participation can be either individual or in a group.
- Use high resolution setting and PowerPoint version 2007 or below, to save the poster in .pdf and .ppt, respectively.
- Shortlisted posters will be announced in week-12, Thursday.
- Shortlisted poster will be printed by the Faculty.
- All shortlisted participants are required to present their posters at the allocated booth during the poster competition.
- The posters will be evaluated in week-13, Thursday by a special panel appointed by the faculty. The decision of the judges is final.
- During the poster presentation, students of tracks 1-8 are not allowed to demonstrate their products. They may use the photo of their projects (if necessary). However, for the tracks that are exclusively for prototype-cum-poster presentation, students are required to demonstrate their prototypes.
- Using laptop and/or projector (except tracks for prototype-cum-poster presentation) and/or decoration of the booth are not allowed for all tracks.
- Presentation to the judges shall not be more than 10 minutes including the Q&A session and the prototype demo (if applicable).
- Log on to <http://fes.utar.edu.my/current-students/fyp/> for the details of the poster competition, rules and regulations
- Table 1 shows the guidelines for the preparation of the FYP poster and the presentation.

Table 1: Guidelines for FYP poster competition

Appearance	Content	Presentation	Prototype
T1-T8 :20% ; T9-T10:16%	T1-T8 :40% ; T9-T10:32%	T1-T8 :40% ; T9-T10:32%	T9-T10:20%

<ul style="list-style-type: none"> • The poster is attractive in terms of design, layout, and neatness. • Graphics (e.g., tables, figures, etc.) are engaging and enhance the text. • Uses font sizes/variations which facilitate the organization, presentation, and readability of the research. • Overall visually appealing; not cluttered; colors and patterns enhance readability. 	<ul style="list-style-type: none"> • Title highlights the poster's subject matter. • Abstract provides a clear overview. • Information relevant to the stated track. • Objective(s) explained clearly. • Method clearly stated. • Graphics and visuals convey the intended information. • Content is clearly arranged so that the viewer can understand order without narration. • There are no mistakes on the poster. 	<ul style="list-style-type: none"> • Ability to present in a logical, continuous manner. • Narration and/or answering of questions is engaging, thorough, and adds greatly to the presentation. • Body language (i.e. nervous, twitching, no eye contact) • Student can accurately answer all questions related to facts in the poster and processes used to create the poster. • Presentation clear, concise & interesting with the correct use of terms & descriptions. 	<ul style="list-style-type: none"> • Functionality of the prototype to meet the objectives • Demonstration of the prototype
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